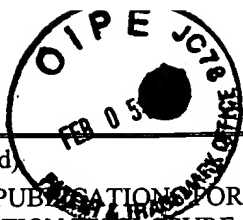


FORM PTO-1449 (Modified)		Attorney Docket No.: 19957-013820US		Application No.: 09/442,111		
LIST OF PATENTS AND PUBLICATIONS OR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		Applicant: Shawn DeFrees and Karl Johnson				
		Filing Date: November 17, 1999		Group: 1616		
Reference Designation		U.S. PATENT DOCUMENTS				Page 1
Examiner Initial	Document No.	Date	Name	Class	Sub-class	Filing Date (If Appropriate)
<u>C02</u> AA	5,705,367	Jan. 6, '98	Gotschlich	435	97	Jul. 18, '96
AB	5,798,233	Aug. 25, '98	Gotschlich	435	97	Jul. 18, '96
AC	5,541,083	Jul. 30, '96	Paulson et al.	435	41	Jul. 30, '96
AD	5,922,577	Jul. 13, '99	Defrees et al.	435	97	Apr. 10, '96
AE	5,945,314	Aug. 31, '99	Prieto et al.	435	101	Mar. 31, '97
FOREIGN PATENT DOCUMENTS						
	Document No.	Date	Country	Class	Sub-class	Translation (Yes/No)
<u>C02</u> AF	WO 98/44145	Oct. 8, '98	PCT	C12P	19/18	No
AG	EP 0 870 841	Oct. 14, '98	Europe	C12P	19/26	No
AH	EP 0 861 902	Sep. 2, '98	Europe	C12P	19/00	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)						
<u>C02</u> AI	Endo et al., "Large-scale production of N-acetylactosamine through bacterial coupling," <i>Carbohydrate Res.</i> 316: 179-183 (1999).					
AJ	Koizumi et al., "Large-scale production of UDP-galactose and globotriose by coupling metabolically engineered bacteria," <i>Nature Biotech.</i> 16: 847-850 (1998).					
AK	Vimr and Troy, "Regulation of Sialic Acid Metabolism in <i>Escherichia coli</i> : Role of N-Acylneuraminate Pyruvate-Lyase," <i>J. Bacteriol.</i> Vol. 164, No. 2 854-860 (1985).					
AL	Mergaert et al. "The nodulation gene <i>nolK</i> of <i>Azorhizobium caulinodans</i> is involved in the formation of GDP-fucose from GDP-mannose," <i>FFBS Letters</i> 409: 312-316 (1997).					
AM	Gonzales-Clemente et al., "High Production of polysialic Acid [Neu5Aca(2-8)-Neu5Aca(2-9)] <sub>n</sub> by <i>Escherichia coli</i> K92 Grown in a Chemically Defined Medium," <i>Biol. Chem. Hoppe-Seyler</i> , Vol. 371, pp. 1101-1106 (1990).					
AN	Cho and Troy II, "Polysialic acid engineering: Synthesis of polysialylated neoglycosphingolipids by using the polysialyltransferase from neuroinvasive <i>Escherichia coli</i> K1," <i>Proc. Natl. Acad. Sci. USA</i> 91: 11427-11431 (1994).					
AO	Williams and Wimpenny, "Extracellular Polysaccharide Biosynthesis by <i>Pseudomonas</i> NCIB 11264. Studies on Precursor-forming Enzymes and Factors Affecting Exopolysaccharide Production by Washed Suspensions," <i>J. of Gen. Microbiol.</i> 116: 133-141 (1980).					
AP	Mengin-Lecreux et al., "Pool Levels of UDP N-Acetylglucosamine and UDP N-Acetylglucosamine-Enolpyruvate in <i>Escherichia coli</i> and Correlation with Peptidoglycan Synthesis," <i>J. of Bacteriology</i> 1284-1290 Vol. 154, No. 3 (1983).					
AQ	Lloret et al., "Genetic analysis of the transcriptional arrangement of <i>Azotobacter vinelandii</i> alginate biosynthetic genes: identification of two independent promoters," <i>Mol. Microbiol.</i> 21(3): 449-457 (1996).					
AR	Lindahl et al., "Regulated Diversity of Heparan Sulfate," <i>J. Biol. Chem.</i> 273(39): 24979-24982 (1998).					
AS	Zacharek et al., "Bacteria Targeted by Human Natural Antibodies Using $\alpha$ -Gal Conjugated Receptor-Specific Glycopolymers," <i>Bioorg. Med. Chem.</i> 7(8): 1549-58 (1999).					
AT	Wang et al., "Enhanced Inhibition of Human anti-Gal Antibody Binding to Mammalian Cells by Synthetic $\alpha$ -Gal Epitope Polymers., <i>J. Amer. Chem. Soc.</i> , 121(36) 8174-8181 (1999).					
AU	Kawaguchi et al., "An Improved Method for the Fermentative Production of GDP-mannose from 5'-GMP," <i>J. Ferment. Tech.</i> 49: 195-201 (1971)					

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		Filing Date: November 17, 1999	Group: 1616
<del>CV</del> AV	Kawaguchi et al., "Studies on Microbial Metabolisms of Sugar Nucleotides, Part V., "Effects of Various Factors on the Fermentative Production of GDP-mannose, GDP and GTP from 5'-GMP by Air dried Cells of Baker's Yeast," Agr. Biol. Chem 34(6): 908-918 (1970).		
AW	Janczuk et al., "Alpha-Gal oligosaccharides: chemistry and potential biomedical application," Curr. Med. Chem. 6(2): 155-64 (1999)		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

*Christen L Thunde 7/20/01*

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